

SEARCH REQUEST FORM

a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

STAFF USE ONLY

Date completed: 09-11-02

Searcher: Beverly C 4579

Terminal time: 20

Elapsed time: _____

CPU time: _____

Total time: 25

Search Site

_____ STIC

_____ CM-1

_____ Pre-S

Type of Search

_____ N.A. Sequence

Vendors

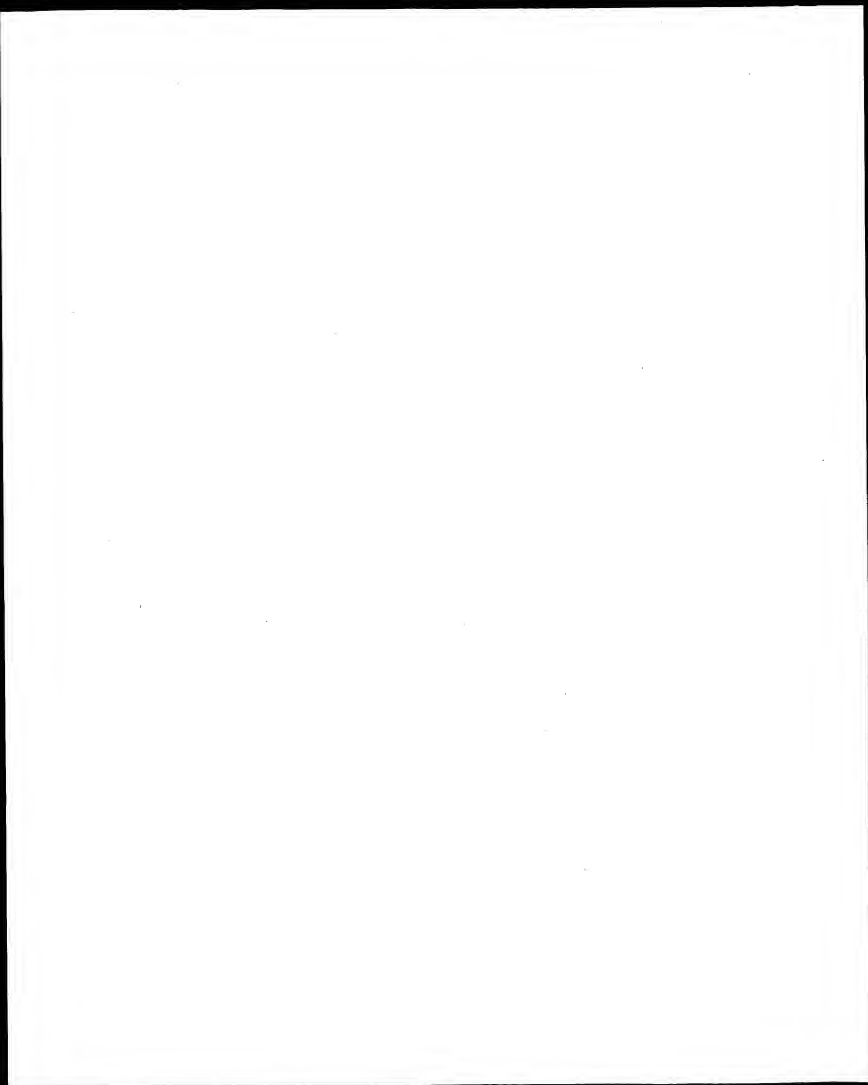
_____ IG Suite

_____ STN

_____ Dialog

_____ APS

_____ Geninfo




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Oy 870 GTTCAGCGCAAGACAGAGTGCATCAGAGTGAATATAGCTTACATACATGCTCTTG 929
Db 312 G-----CATAGTGTGTATACCCACACACTGTACAGATACAGACAGACAGAGT 359
Oy 930 TCACTCAGCGCAAGTCCCTCAGAGTGTCTCAGAGTGTCTCAGAGTGTCTCAGAGT 989
Db 360 TATGTATAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 419
Oy 990 CCTCAGAGTGTCTCAGAGTGTCTCAGAGTGTCTCAGAGTGTCTCAGAGTGTCTCAG 1049
Db 420 GGTGACACACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 479
Oy 1050 CCTCAGAGTGTCTCAGAGTGTCTCAGAGTGTCTCAGAGTGTCTCAGAGTGTCTCAG 1109
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Oy 1110 CCTCAGAGTGTCTCAGAGTGTCTCAGAGTGTCTCAGAGTGTCTCAGAGTGTCTCAG 1169
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Oy 1170 CTCTGTACATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1223
Db 594 GTATCTGTACATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 643
Oy 1224 CAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1283
Db 654 CAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 713
Oy 1284 CAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1343
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Search completed: September 10, 2002, 18:51:05
 Job time: 7:55 sec

GenCore version 4.5
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OM nucleic - nucleic search, using PW model

Run on: September 10, 2002, 16:54:40 | Search time 1133.41 seconds

(without alignments)
3351 816 Million cell updates/sec

Title:

Sequence:

Reference:

Scoring table:

Search:

Total number of hits satisfying chosen parameters:

Minimum DB seq length:

Maximum DB seq length:

Post-processing:

Maximum Match 10M

Database:

Listing title 43 summaries

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24: /S101/sgcdat/geneseq/emb/NA2003.DMT.*

SUMMARIES

Result	No.	Score	Match	Length	DB	ID	Description
	1	2193.4	98.1	2215	23	AA078801	
	2	2185.6	98.7	2255	16	AA084658	
	3	1537.8	69.5	1536	16	AA084657	Human IFN-gamma ac
	4	1537.8	69.5	1536	16	AA084657	Human IFN-gamma ac
	5	1090.4	49.3	1781	23	AA069800	DNA encoding receptor
	6	494.4	22.3	1244	20	AA020505	DNA encoding protein
	7	493.4	20.7	1231	24	AA023928	Human immune syste
	8	452.8	20.5	1283	16	AA090808	Human IFN-gamma receptor

C	10	378.6	17.1	1694	24	AB122989	Human immune syste
	11	378.6	16.7	382	22	AB056512	Human fetal liver
	12	369.4	16.7	382	22	AB056512	Human fetal liver
	13	369.4	16.7	382	22	AB056512	Human fetal liver
	14	369.4	16.7	382	22	AB056512	Human fetal liver
	15	369.4	16.7	382	22	AB056512	Human fetal liver
	16	369.4	16.7	382	22	AB056512	Human fetal liver
	17	369.4	16.7	382	22	AB056512	Human fetal liver
	18	369.4	16.7	382	22	AB056512	Human fetal liver
	19	342	15.4	915	23	AB078799	DNA encoding novel
	20	159.2	9.0	414	23	AB068888	Human gene sequen
	21	159.2	9.0	414	23	AB068888	Human gene sequen
	22	138.6	6.3	421	22	AB021799	Human bone marrow
	23	138.6	6.3	421	22	AB021799	Human bone marrow
	24	138.6	6.3	421	22	AB021799	Human bone marrow
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ALIGNMENTS

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AA078801	Standard: cDNA, 2215 bp.
AA078801	
13-FEB-2002	(first entry)
DB	DNA encoding novel human diaphanous protein p1605.
XX	Human diaphanous protein p1605, gene mapping, gene therapy, forensic,
XX	food supplement, medical diagnosis, diagnosis, genetic disorder, as
XX	bcsm sapient.
XX	W0200175067.R2.
XX	11-OCT-2001.
XX	30-MAR-2001: 2001NC-008631.
XX	31-MAR-2001: 2001NC-0240217.
XX	23-DEC-2001: 2000US-0649167.
XX	(HRS) HRS00 INK.
XX	Dismantle RT. Liu C. Tang YF.
XX	WPI: 2001-639962773.
XX	P-F50B: ABC2514.
XX	New isolated polynucleotide and encoded polypeptides, useful in

CC congenital heart disease.
 CC specification for this patent did not form part of the printed
 CC specification, but was obtained in electronic format directly from WIPO
 CC at ftp://ip:ftp/pub/patented_pat_sequences.
 CC
 CC
 CC Sequence 382 Br: 101 A; 82 C; 86 G; 113 T; 0 other;

Query Match 15 7% Score 369.4; DB 22; Length 382;
 Best Local Similarity 99.5%; Pred. No. 3,1e-71;

Matches 381; Conservative 0; Mismatches 1; Indels 1; Gaps 1;

Oy 1749 cagatctcccttttcttgcctctcaaaagcctcctccgcgcagacagagacgcagc 1808

DB 1 cagatctcccttttcttgcctctcaaaagcctcctccgcgcagacagagacgcagc 60

Oy 1809 cctcagaggagagacagcttttttttttttttcttaaaagatttcaaaatctca 1868

DB 61 cctcagaggagagacagcttttttttttttttcttaaaagatttcaaaatctca 119

Oy 1869 gactgatttcctcagacacccagaaatctcctctctctcaaaatctcaaaagcca 1928

DB 120 gactgatttcctcagacacccagaaatctcctctctctcaaaatctcaaaagcca 179

Oy 1919 gctatctctctgctcctcctcctcctcctcctcctcctcctcctcctcctcctc 1988

DB 180 gctatctctctgctcctcctcctcctcctcctcctcctcctcctcctcctcctc 239

Oy 1989 tctgctcctcctcctcctcctcctcctcctcctcctcctcctcctcctcctcct 2048

DB 240 tctgctcctcctcctcctcctcctcctcctcctcctcctcctcctcctcctcct 239

Oy 2049 cttgc 2108

DB 300 cttgc 359

Oy 2109 cactgctgc 2131

DB 360 cactgctgc 382

RESULT 14

AAK00873 ID AAK00873 standard; DNA; 382 Bp.

AC AAK00873;

Oy 05-K0V-2001 (first entry)

DB Human brain expressed single exon probe SBO ID NO. 864.

XX Human brain expressed exon; gene expression analysis; probe;

KM microarray; Alzheimer's disease; multiple sclerosis; schizophrenia;

KM epilepsy; cancer; ss.

OS Homo sapiens.

XX WC020151275-A2.

XX 09-AUG-2001.

XX 30-JAN-2001; 2001WO-US00667.

XX 04-FEB-2000; 2000US-018012.

XX 30-JUN-2001; 2000US-0608408.

XX 21-SEP-2000; 2000US-063256.

XX 04-OCT-2000; 2000GB-0024265.

XX (WOLF-) MOLECULAR DYNAMICS, INC.

FI From SO; Harrel DK; Chen W; Rank DB;
 DB WIPI 2001-083446/52.

XX Single exon nucleic acid probes for analyzing gene expression in human

XX brain.

XX Example 4; SBO ID NO. 864; 650pp + sequence listing; English.

CC The present invention provides a number of single exon nucleic acid

CC probes for analyzing gene expression in human brain. They can be used to measure gene expression in brain cell samples,

CC which may enable the diagnosis and improved treatment of nervous system

CC diseases such as Alzheimer's disease, multiple sclerosis, schizophrenia,

CC epilepsy and cancer. The present sequence is one of the probes of the

XX invention.

XX Sequence 382 Br: 101 A; 82 C; 86 G; 113 T; 0 other;

Query Match 15 7% Score 369.4; DB 22; Length 382;
 Best Local Similarity 99.5%; Pred. No. 3,1e-71;

Matches 381; Conservative 0; Mismatches 1; Indels 1; Gaps 1;

Oy 1749 cagatctcccttttcttgcctctcaaaagcctcctccgcgcagacagagacgcagc 1808

DB 1 cagatctcccttttcttgcctctcaaaagcctcctccgcgcagacagagacgcagc 60

Oy 1809 cctcagaggagagacagcttttttttttttttcttaaaagatttcaaaatctca 1868

DB 61 cctcagaggagagacagcttttttttttttttcttaaaagatttcaaaatctca 119

Oy 1869 gactgatttcctcagacacccagaaatctcctctctctcaaaatctcaaaagcca 1928

DB 120 gactgatttcctcagacacccagaaatctcctctctctcaaaatctcaaaagcca 179

Oy 1919 gctatctctctgctcctcctcctcctcctcctcctcctcctcctcctcctcctc 1988

DB 180 gctatctctctgctcctcctcctcctcctcctcctcctcctcctcctcctcctc 239

Oy 1989 tctgctcctcctcctcctcctcctcctcctcctcctcctcctcctcctcctcct 2048

DB 240 tctgctcctcctcctcctcctcctcctcctcctcctcctcctcctcctcctcct 239

Oy 2049 cttgc 2108

DB 300 cttgc 359

Oy 2109 cactgctgc 2131

DB 360 cactgctgc 382

RESULT 15

AAK51528 ID AAK51528 standard; DNA; 382 Bp.

AC AAK51528;

Oy 06-K0V-2001 (first entry)

DB Human bone marrow expressed single exon probe SBO ID NO. 885.

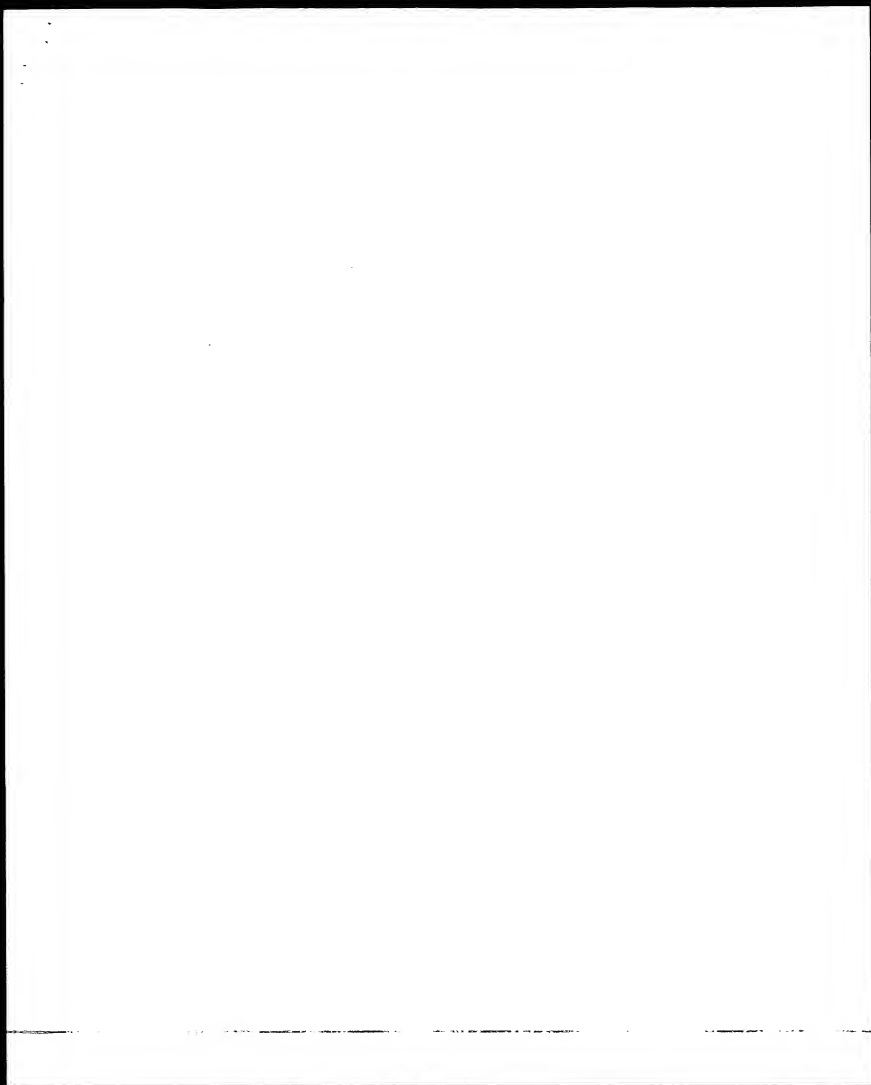
XX Human bone marrow expressed exon; gene expression analysis; probe;

KM microarray; cancer; schizophrenia; lymphoma; glioma; ss.

XX WO020151275-A2.

XX 09-AUG-2001.

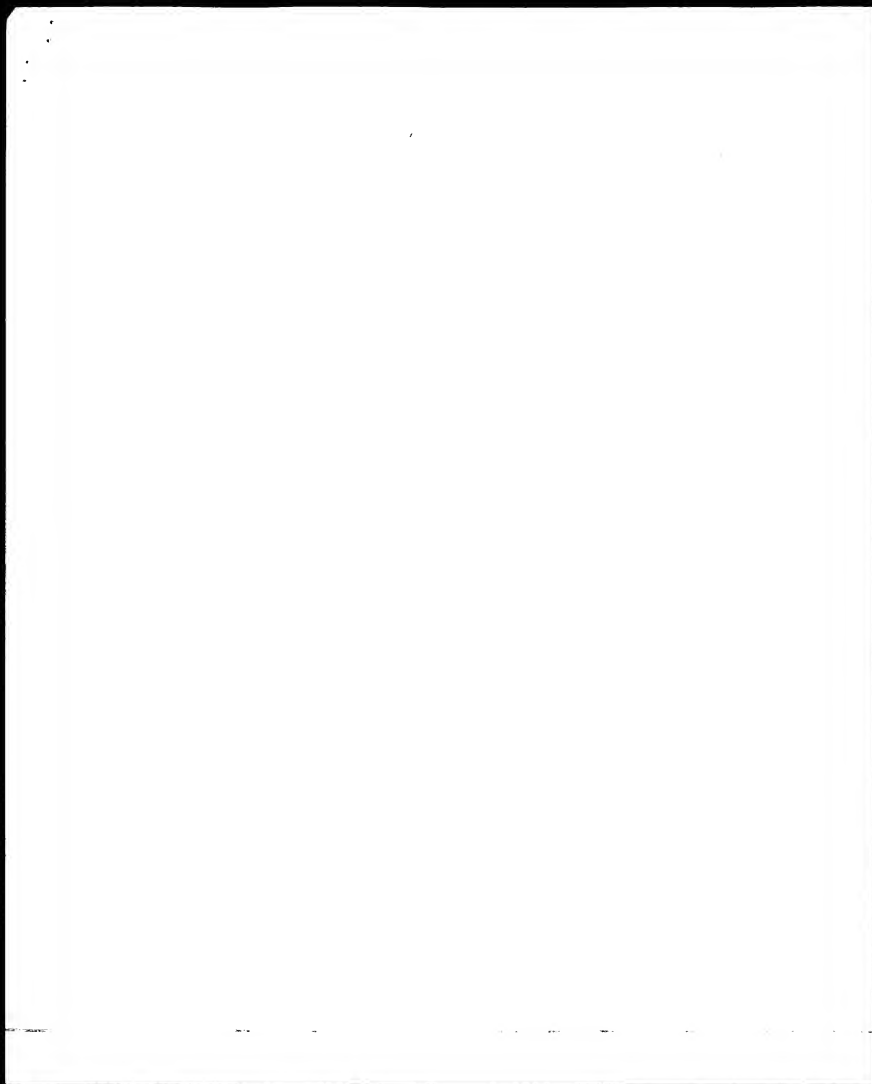
XX 30-JAN-2001; 2001WO-US00666.



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Wed Sep 11 09:07:47 2002

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Page 11



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ORIGIN					

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